

Product datasheet for **SC215876**

DLG5 (NM_004747) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DLG5 (NM_004747) Human 3' UTR Clone
Symbol:	DLG5
Synonyms:	LP-DLG; P-DLG5; PDLG
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004747
Insert Size:	1679 bp



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Insert Sequence: >SC215876 3'UTR clone of NM_004747
 The sequence shown below is from the reference sequence of NM_004747. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTCTGTGGATTCCAGCCTGCCCGCTCAGGAGAATGCTGTGCTGTGGATGACTGCAGCTGGCCGCTG
AGGGGACACCAGACTCAGCTCTTTTCTAGCGACTGAAAGTAGAAGTCTGTCCGTCTATGAACATGCGGG
GGAAGGATCCGGAACCAGGACCCAGAAGCACCTCTTTGTAGACAGAGGGCCACGGCTGCGTGCGATCC
AGGCCACAGGCCACACTCTGCCCGTGTACACGTGTGCTTTAACACAAAACAGATAACACTAAAGAC
GGGTTACAGCCACCTTTCTTTAGCCAGCTGATCAGAGATGCTGCAAAGAGAACCTTTCCGGATCACTC
GTTTACAAGCCTTTTCTAAGTATTTGGTGGTTTATGTTTACTTGAACGGCTCCATGTTGCCGGTGCCCA
GCCCTGTCCCCTGTCAACCCCTGTGCTTTGGTGTGGTTTCGTTCCCGTCTTCAGCAAAACGAC
CTTGGAACCTCAATGGGGCTGCTTTGCTTTGGGAGGTTCTTGTGGTGGGACCAGAGCTTTGACAAC
CTCTGTCTCCTGGTGGACCTCTCCTGGAAGGACGTCAAACTCCAGGTGCTCAGACTGCCTGTGGCA
GCAGAACCAGTGCCTTTGGCATTTCCTCCCAATGGGGAAGGTGACTTTGGCATTCTTACAAACTCG
TCTCTCGGCTTTCTCTCCTGCCTTCCACAGCCTCTCGTTTCTCCTCCATCTGTGCTTATTACTTGAGG
ACTGTGTCTGCTCCGTGAGAGCTGCGTGGGCAGGGCTGCAGTGGGGTCCAGGTGGTGTTCAGCTGTGCT
GATGCCTGCCATTGGGTCCTCCTTAGGCTCTGTAAGTCGTGACAGCCTTCATCAGTGAATGTTTGAG
GGTAATTCTTAACTTTTAGAGGGTGGCAGGTACATCAGTCTTTTTGATATGAAAACATTCATGTTT
CAGACATTGAATTGAGAGCTTTTAGGGGAAGCATAATGGTTATTGTCACATCAACAGTCTAAAAAGAA
AAACTGAGGTCTTTTTAATCTTGATTACAGCACTCACGGCATGCACCCTACTCAGTGTGGTGTCTTCG
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TCCTTAAGCTATGCGTCCTGTTAATAATAGGTAAGTACTGACTGGGCTCTGTGTAAGTGTGTTGGGTAAGG
ACCTATATTTAATACTGTTCTTAACATTTTCACTTTACTAGCGAGAAATCTTTGATTTTCACTTTATTCT
TTGTAATTCTAGACACTAGATTGTAGTTTAGCCATAACTGATGTTTTTAAAAAGGGATATATTTTCTT
GCACAGTTGTTCAAAAAGAGACAAGTTTTCAGTCTCAATGCTGTCTTTGTTTTACAGGTACAAGTTT
TCTAGCTCAGACAACTATGAAAACTGTAGACTATTCTCAAGGTATTAAGTGCAGACCCTCTGGGGG
TAGGGGCTGTTTTCTAAGTTACAGGCAGAGTGGGACTGAGATGGTACAGTGTGCACAGACAGGACTGA
GCTGACAGACTGGGATTTCTGTACTAAAATGTTACTTTGTATCAAAAGTTAAACAGGCTTTAGTACAA
CAAATAAAGGTCAATTTCTGTAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_004747.4](#)

Summary:

This gene encodes a member of the family of discs large (DLG) homologs, a subset of the membrane-associated guanylate kinase (MAGUK) superfamily. The MAGUK proteins are composed of a catalytically inactive guanylate kinase domain, in addition to PDZ and SH3 domains, and are thought to function as scaffolding molecules at sites of cell-cell contact. The protein encoded by this gene localizes to the plasma membrane and cytoplasm, and interacts with components of adherens junctions and the cytoskeleton. It is proposed to function in the transmission of extracellular signals to the cytoskeleton and in the maintenance of epithelial cell structure. Alternative splice variants have been described but their biological nature has not been determined. [provided by RefSeq, Jul 2008]

Locus ID:

9231

MW:

62.7